

PATENT APPLICATION FEE DETERMINATION RECORD
Effective December 29, 1999

CLAIMS AS FILED - PART I

| | | (Column 1) | (Column 2) |
|----------------------------------|--------------|--------------|------------|
| FOR | NUMBER FILED | NUMBER EXTRA | |
| BASIC FEE | | | |
| TOTAL CLAIMS | 23 | minus 20= * | 3 |
| INDEPENDENT CLAIMS | 3 | minus 3 = * | |
| MULTIPLE DEPENDENT CLAIM PRESENT | | | |

| SMALL ENTITY | | | |
|--------------|--------------|----------|--------------|
| TYPE | SMALL ENTITY | OR | SMALL ENTITY |
| RATE | 345.00 | OR | 690.00 |
| X\$ 9= | | OR | X\$18= 51 |
| X39= | | OR | X78= |
| +130= | | OR | +260= |
| TOTAL | | OR TOTAL | 244 |

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

| AMENDMENT A | | | (Column 1) | (Column 2) | (Column 3) |
|--|--------|-----------|------------|------------|------------|
| | CLAIMS | REMAINING | HIGHEST | PRESENT | |
| | AFTER | AFTER | NUMBER | EXTRA | |
| Total | * | Minus | ** | = | |
| Independent | * | Minus | *** | = | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | |

| SMALL ENTITY | | | |
|--------------|--------------|------------|--------------|
| TYPE | SMALL ENTITY | OR | SMALL ENTITY |
| RATE | ADDI-TIONAL | OR | ADDI-TIONAL |
| X\$ 9= | FEES | X\$18= | FEES |
| X39= | | X78= | |
| +130= | | +260= | |
| TOTAL | ADDITIONAL | ADDITIONAL | ADDITIONAL |
| ADDITIONAL | FEES | FEES | FEES |

| AMENDMENT B | | | (Column 1) | (Column 2) | (Column 3) |
|--|--------|-----------|------------|------------|------------|
| | CLAIMS | REMAINING | HIGHEST | PRESENT | |
| | AFTER | AFTER | NUMBER | EXTRA | |
| Total | * | Minus | ** | = | |
| Independent | * | Minus | *** | = | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | |

| RATE | ADDI-TIONAL | RATE | ADDI-TIONAL |
|------------|-------------|------------|-------------|
| FEES | FEES | FEES | FEES |
| X\$ 9= | | X\$18= | |
| X39= | | X78= | |
| +130= | | +260= | |
| TOTAL | ADDITIONAL | ADDITIONAL | ADDITIONAL |
| ADDITIONAL | FEES | ADDITIONAL | ADDITIONAL |

| AMENDMENT C | | | (Column 1) | (Column 2) | (Column 3) |
|--|--------|-----------|------------|------------|------------|
| | CLAIMS | REMAINING | HIGHEST | PRESENT | |
| | AFTER | AFTER | NUMBER | EXTRA | |
| Total | * | 23 | Minus | ** 23 | = |
| Independent | * | 3 | Minus | *** 3 | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | |

| RATE | ADDI-TIONAL | RATE | ADDI-TIONAL |
|------------|-------------|------------|-------------|
| FEES | FEES | FEES | FEES |
| X\$ 9= | | X\$18= | |
| X39= | | X78= | |
| +130= | | +260= | |
| TOTAL | ADDITIONAL | ADDITIONAL | ADDITIONAL |
| ADDITIONAL | FEES | ADDITIONAL | ADDITIONAL |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.